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INFA-LAMELLEN-JET AJL Duo

Highly efficient aspiration filters for separation of dry, non-sticky dusts

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Highlights

Pleated element filter of series INFA-LAMELLEN-JET AJL Duo are highly efficient aspiration filter for separation of dry, non-sticky dusts. Aspiration filters of this series achieve a maximum filter surface area on minimum space requirements because of their pleated filter elements (filter lamellas). The model AJL Duo with integrated secondary filter stage (particulate filter cassette in quality H13 according to DIN EN 1822) is used mainly in the chemical and pharmaceutical industry. The model AJL Duo with integrated secondary filter stage (particulate filter cassette in quality H13 according to DIN EN 1822) is used mainly in the chemical and pharmaceutical industry.

The series is designed for volume flows of approx. 2,000 up to approx. 40,000 m³/h. The exchange of the filter elements is carried out fast and simply via a big frontal maintenance door.

Standard design features

- Closed de-dusting unit consisting of
 - raw gas chamber
 - dust hopper
 - supporting legs
 - clean gas chamber with filter elements
 - pneumatic cleaning unit
- Housing strength up to +/- 50 mbar g
- Modular system for flexible adaption to specific applications
- Change of self-supporting filter elements from the clean gas side
- secondary filter stage (filter cassette) in class H13 (or higher) according to DIN EN 1822, not cleanable

Options

- All housing parts, internal parts or components in contact with the product / dust are made of stainless steel
- Explosion protected design according to directive 2014/34/EU (ATEX)
- Electronic control unit for filter cleaning controlled by timing cycle or differential pressure and for additional components (fan, rotary valve etc.)
- Control system and motors for special voltages, e.g. 500 V
- Design for hot gases up to 110°C
- Filter media available in different qualities (e.g. food safe according to regulation EU

1935/2005 and EU 10/2011)

- Sound absorbing kits for use in noise-sensitive environments
- Electrical heating of the filter housing including thermal insulation
- Modular supplements and accessories, e.g.
 - dust collecting bin
 - butterfly valve
 - rotary valve
 - double pendulum flap
 - screw conveyor
 - level indicator within dust bin
 - flange-mounted or console-mounted fan
 - inspection cover

Filter type	Filter surface**[m²]	Compressed air consumption* [Nm³/h]	Dimension sheet
1/303-1/20	30 / 20	20	7020
1/403-1/30	40 / 30	20	7020
2/303-2/20	60 / 40	40	7020
2/403-2/30	80 / 60	40	7020
3/303-3/20	90 / 60	60	7020
3/403-3/30	120 / 90	60	7020
4/303-4/20	120 / 80	80	7020
4/403-4/30	160 / 120	80	7020
5/303-5/20	150 / 100	100	7020
5/403-5/30	200 / 150	100	7020

*6 bar at 10 sec. pause

** Filter surface 1. filter stage / Filter surface 2. filter stage

Downloads

- [Dimension sheets Infa-Lamellen-Jet](#)
- [Information brochure](#)
- [Typical application](#)

[Your contact person](#)

Market place

You find the market place for used filter units here.

Downloads

You find all manuals PDF files [here](#).

Trade fairs

You find all upcoming fair dates [here](#).

Newsletter

Sign up here for our [newsletter](#) and make sure to receive free tickets for our trade fairs.

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Contact

Infastaub GmbH

Niederstedter Weg 19
61348 Bad Homburg v.d.H.
Tel.: +49 6172 3098-0
Fax: +49 6172 3098-90

infa@infastaub.de

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